

## Exar Adds Two Feature Rich 8-Channel Line Interface Units (LIUs) to Industry's Most Extensive T/E Product Portfolio

### Devices are Ideal for Cost-Sensitive Transport Applications Including Wireless Base Stations, Add-Drop Multiplexers, Multi-service Provisioning Platforms and Routers

Fremont, California, May 30, 2007 - Exar Corporation (Nasdaq: EXAR), a leading provider of high-performance, mixed-signal silicon solutions for the worldwide communications infrastructure added two 8-channel feature-rich LIUs to its already extensive T/E solutions portfolio. One LIU, the XRT83VSH38, is for T1/E1/J1 applications, while the XRT83VSH28 is aimed at E1 only environments. Both devices are optimized for cost-sensitive applications such as wireless base stations, multi-service provisioning platforms, routers, and add-drop multiplexers amongst others. "Exar has extended its lead over the competition, and responded to market demand, by offering these cost effective T1/E1/J1 and E1 only 8-channel LIUs," said John Demiray, director of marketing for Network and Transmission Products. "Both products are ideal solutions for the highest growth emerging markets, especially wireless deployments in Asia where continuous system cost reduction has become a necessity."

#### Key Product Features

The XRT83VSH38 supports a single bill of materials for T1/E1/J1 applications, and has selectable RX and TX internal terminations (T1/E1/J1) for 75/120(ohm), 100(ohm) and 110 (ohm) lines. In addition, it has a master clock timing generator where only a single T1, E1, or 8 kHz clock is needed as the master clock. Also, both devices have relay-less board hot swapping which reduces system downtime during routine maintenance.

Both LIUs support Exar's R(3) Technology™ -- introduced in 2002. Devices using R(3) Technology are reconfigurable with integrated termination supporting all common T1/E1/J1 line impedances enabling customers to build a simple board and eliminate the need for external relays for 1:1 and 1+1 redundancy applications. This feature allows final device configuration to be made just prior to line-card installation. This unique capability prevents customers from having to unnecessarily stockpile an inventory of all configurations to accommodate changing market conditions.

#### Product Details

Both the XRT83VSH38 and XRT83VSH28, on per-channel basis, have power down mode with independent receive and transmit selection, user programmable arbitrary pulse mode, and an on-chip transmit short circuit protection which protects line drivers from damage. In addition, both devices have a selectable crystal-less digital jitter attenuator with 32-bit or 64-bit FIFO for both the receive and transmit data path.

#### T/E Portfolio Overview

Exar's T/E portfolio encompasses the broadest selection of physical layer devices supporting the widest variety of rates, functions and granularities. Devices include T1/E1 Analog Front Ends (AFEs), short-haul and long-haul LIUs, and LIU and framer combinations. In addition, there is a diversified range of T3/E3 solutions including single/multi-channel physical interface devices: receivers, transmitters, transceivers, framers, LIUs, jitter attenuators, plus integrated LIUs jitter attenuators/framers offering customers increased design flexibility. All the T/E devices are highly integrated and possess advanced features and functionality.

#### Packages, Availability and Additional Information

Samples of both parts are available now. Both XRT83VSH38 and XRT83VSH28 are available in a 225 Ball BGA package and operate at 3.3V/1.8V with 5V tolerant I/Os over the industrial temperature range. Additional information on other Exar T1/E1 products can be found at <http://www.exar.com/area.php?areaID=2>.

#### About Exar

Exar Corporation designs, develops and markets high-performance, analog and mixed-signal silicon solutions for a variety of markets including networking, serial communications, and storage. Leveraging its industry-proven analog design expertise and system-level knowledge, Exar delivers to customers a wide array of technology solutions for current as well as next generation products. The Company is based in Fremont, CA, had fiscal 2007 revenues of \$68.5 million, and employs approximately 235 people worldwide.

For more information about the Company visit: <http://www.exar.com>.